

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
 Data File : BF109279.D
 Acq On : 24 Sep 2018 20:22
 Operator : JU/SJ
 Sample : J5044-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID03-COMP-092018

Quant Time: Sep 25 04:43:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

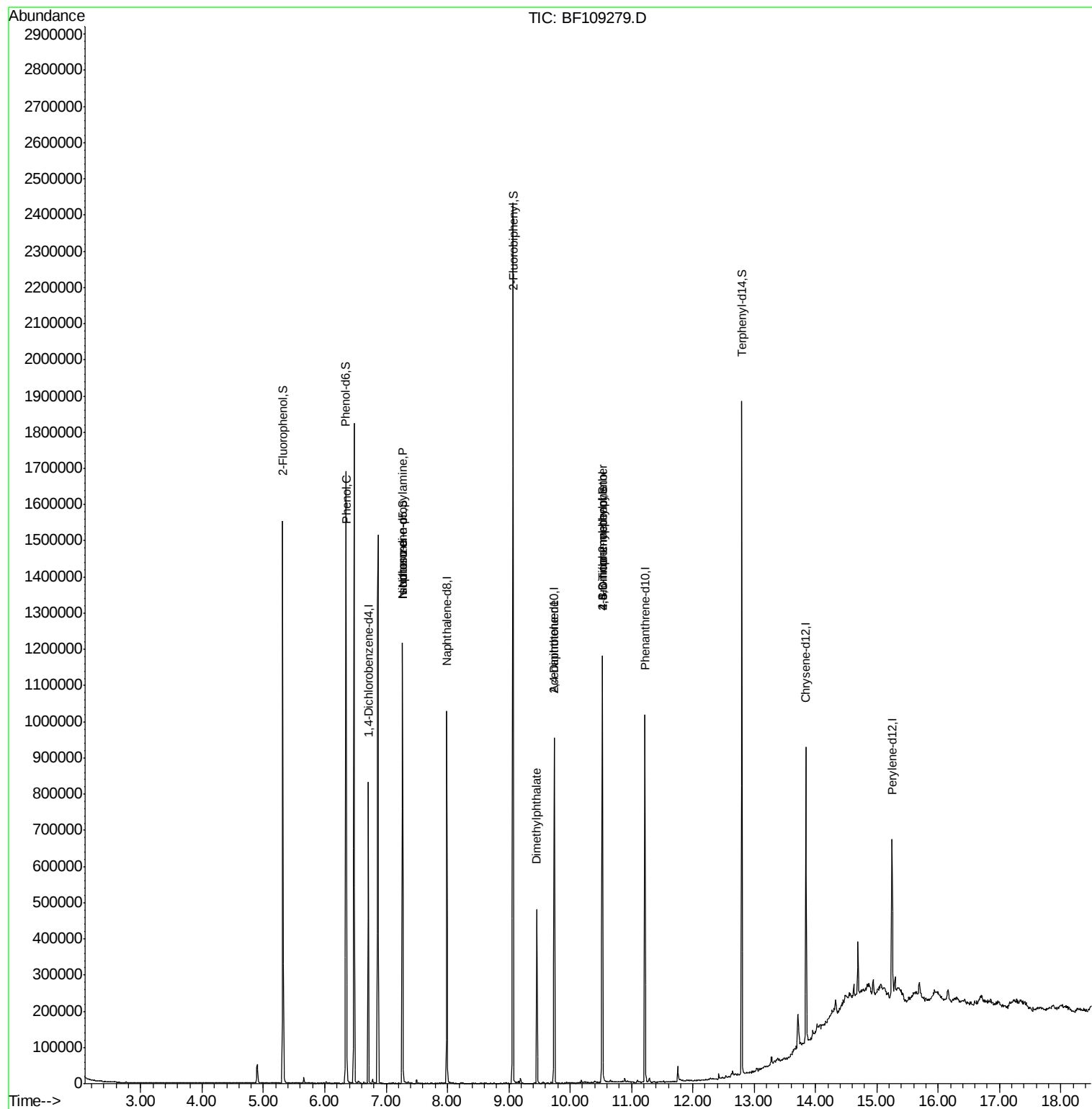
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	108103	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	410154	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	190575	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	354896	20.00	ng	0.00
75) Chrysene-d12	13.84	240	258862	20.00	ng	0.00
86) Perylene-d12	15.25	264	203338	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	454377	69.23	ng	0.00
7) Phenol-d6	6.35	99	587494	70.15	ng	-0.01
23) Nitrobenzene-d5	7.27	82	350153	50.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	145963	77.69	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	686774	54.35	ng	0.00
78) Terphenyl-d14	12.80	244	643476	61.01	ng	0.00
Target Compounds						
10) Phenol	6.36	94	26618	2.806	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	47115	8.585	ng	# 77
25) Isophorone	7.27	82	314121	25.106	ng	# 64
49) Dimethylphthalate	9.46	163	188705	13.614	ng	97
56) 2,4-Dinitrotoluene	9.74	165	24805	7.141	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	131	6.599	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	8782	2.228	ng	# 1

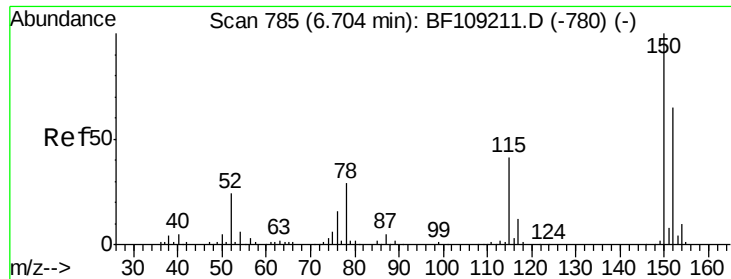
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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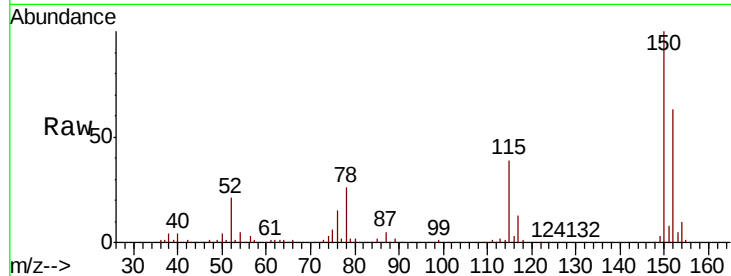


#1

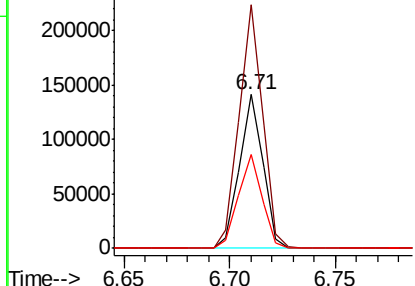
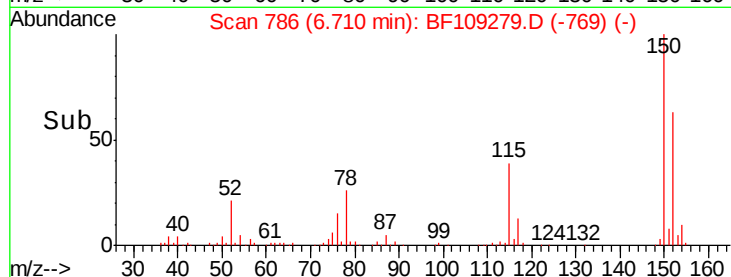
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109279.D
 Acq: 24 Sep 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 GRID03-COMP-092018

Tgt Ion:152 Resp: 108103
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.6 186.8
 115 61.3 50.1 75.1



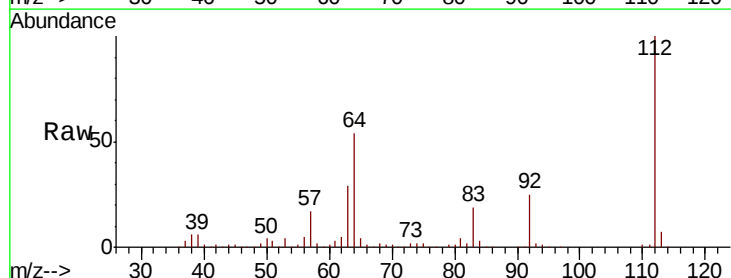
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



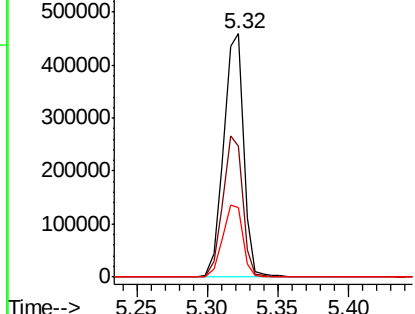
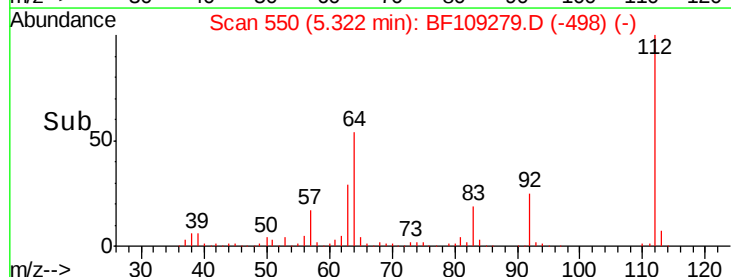
#5

2-Fluorophenol
 Concen: 69.230 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109279.D
 Acq: 24 Sep 2018 20:22

Tgt Ion:112 Resp: 454377
 Ion Ratio Lower Upper
 112 100
 64 54.0 47.9 71.9
 63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

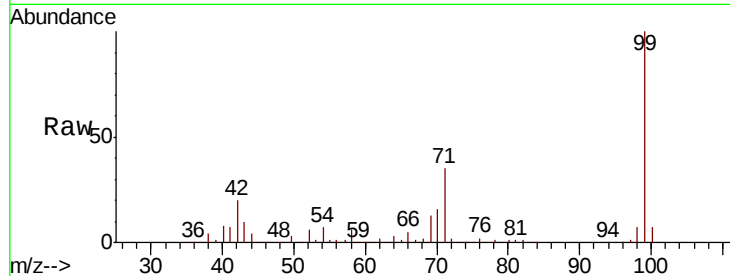




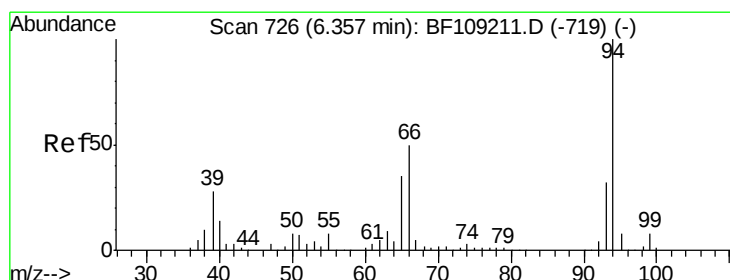
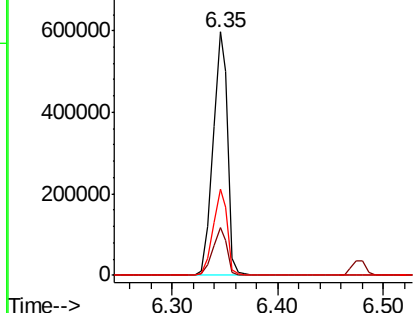
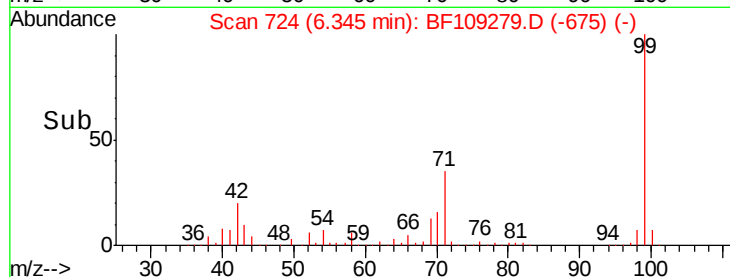
#7
 Phenol-d6
 Concen: 70.148 ng
 RT: 6.35 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF109279.D
 Acq: 24 Sep 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 GRID03-COMP-092018

Tgt Ion: 99 Resp: 587494
 Ion Ratio Lower Upper
 99 100
 42 19.6 14.5 21.7
 71 35.3 25.4 38.0

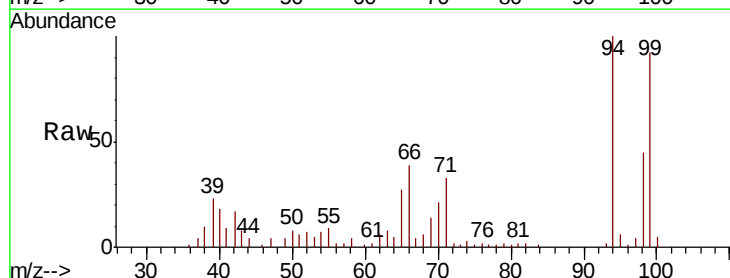


Abundance Ion 99.00 (98.70 to 99.70): BF1
 Ion 42.00 (41.70 to 42.70): BF1
 Ion 71.00 (70.70 to 71.70): BF1

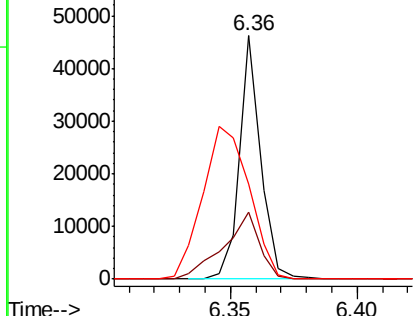
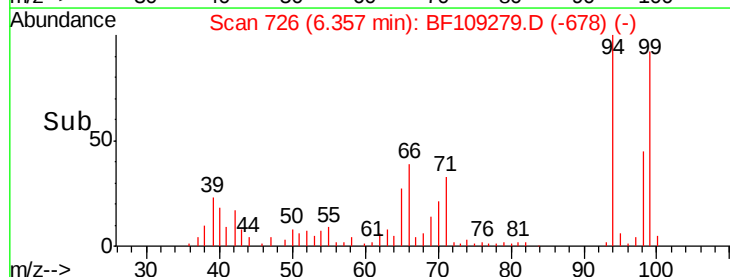


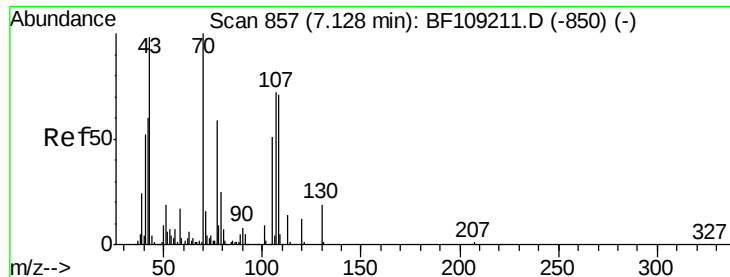
#10
 Phenol
 Concen: 2.806 ng
 RT: 6.36 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF109279.D
 Acq: 24 Sep 2018 20:22

Tgt Ion: 94 Resp: 26618
 Ion Ratio Lower Upper
 94 100
 65 27.4 7.9 47.9
 66 39.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1

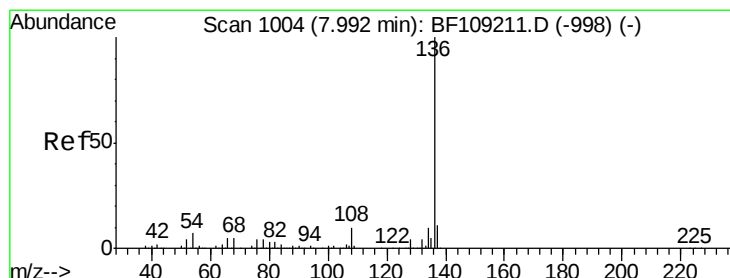
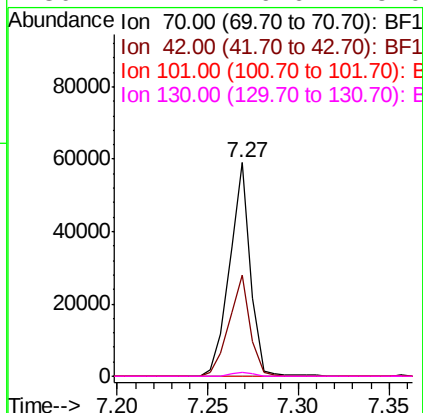
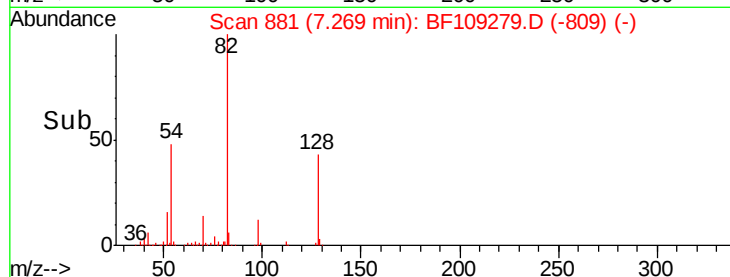
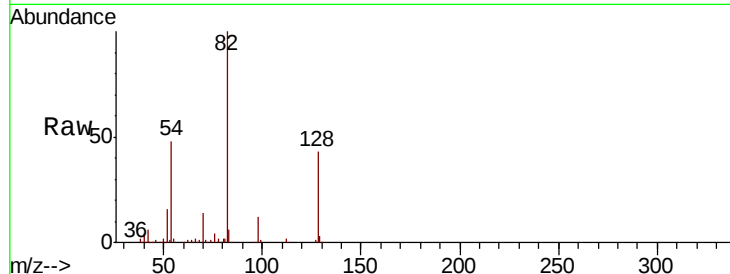




#19
n-Nitroso-di-n-propylamine
Concen: 8.585 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

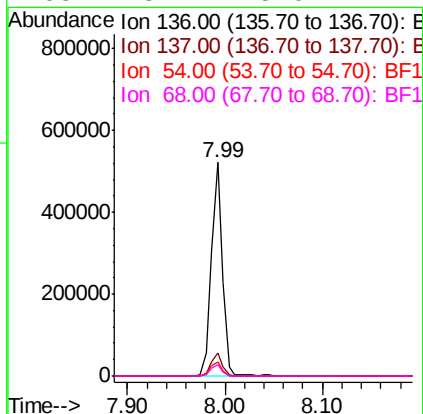
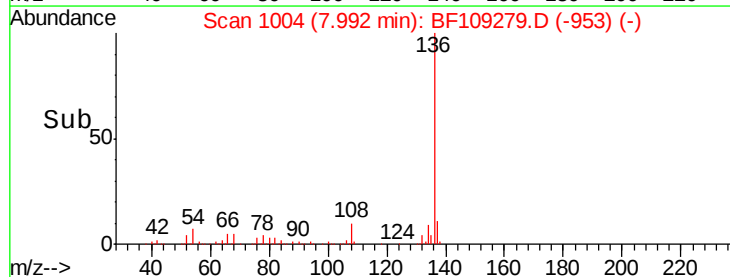
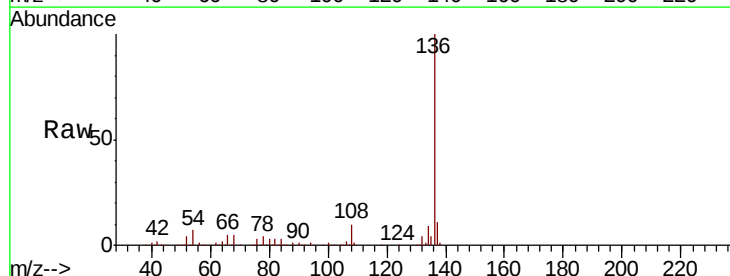
Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Tgt Ion: 70 Resp: 47115
Ion Ratio Lower Upper
70 100
42 47.2 47.5 71.3#
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Tgt Ion: 136 Resp: 410154
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.9 6.6 9.8
68 5.4 5.0 7.4

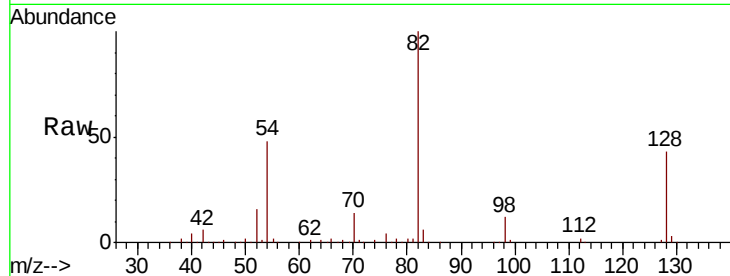




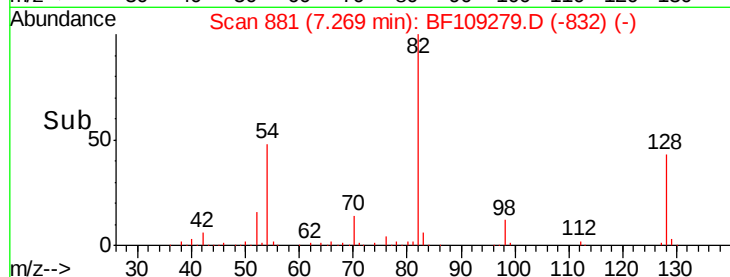
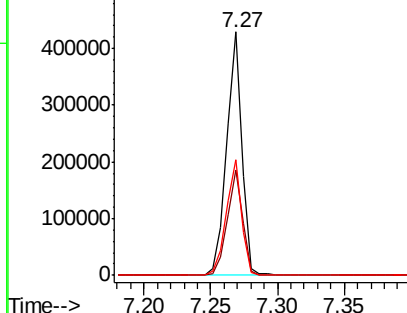
#23
Nitrobenzene-d5
Concen: 50.396 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Tgt Ion: 82 Resp: 350153
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 47.7 41.4 62.2

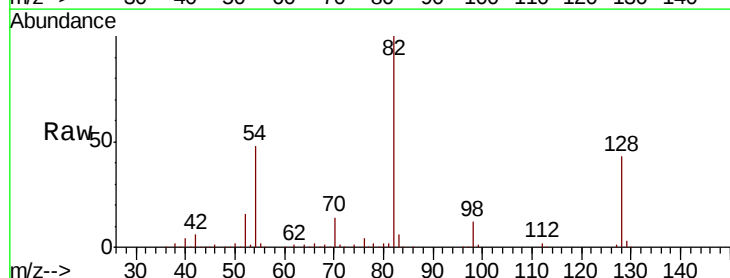


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

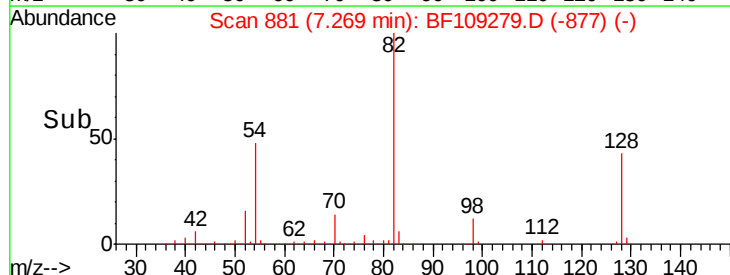
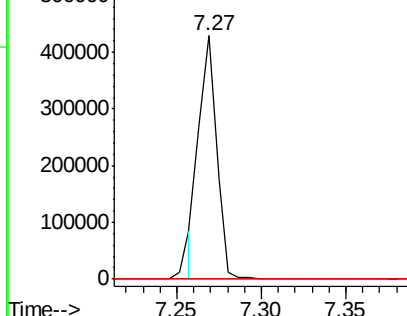


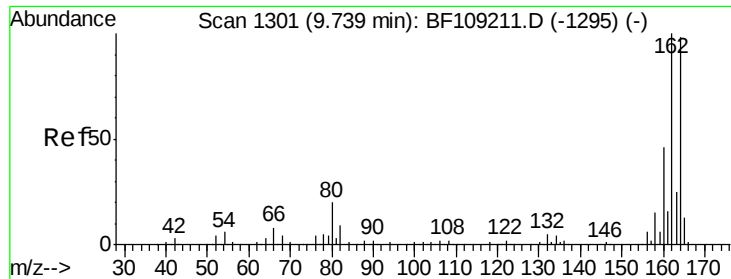
#25
Isophorone
Concen: 25.106 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Tgt Ion: 82 Resp: 314121
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

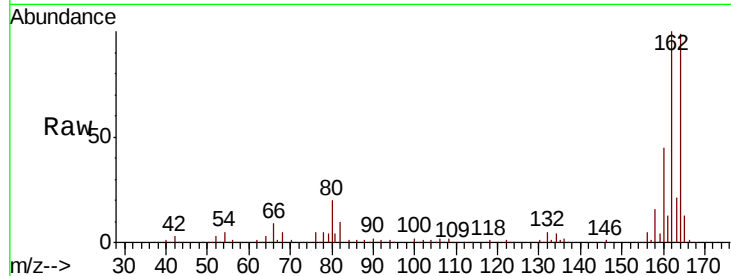




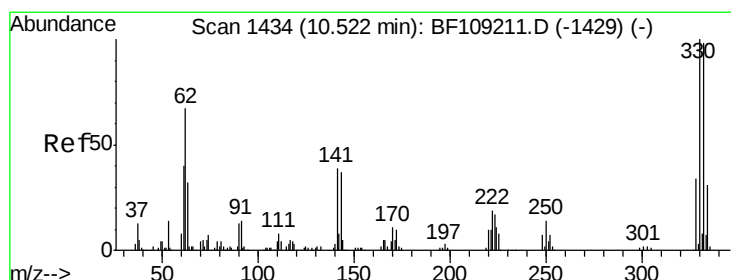
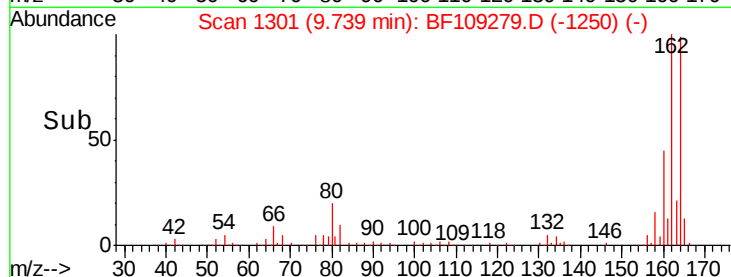
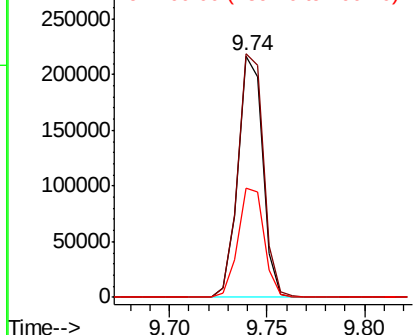
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109279.D
 Acq: 24 Sep 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 GRID03-COMP-092018

Tgt Ion:164 Resp: 190575
 Ion Ratio Lower Upper
 164 100
 162 100.8 86.1 129.1
 160 45.2 38.3 57.5

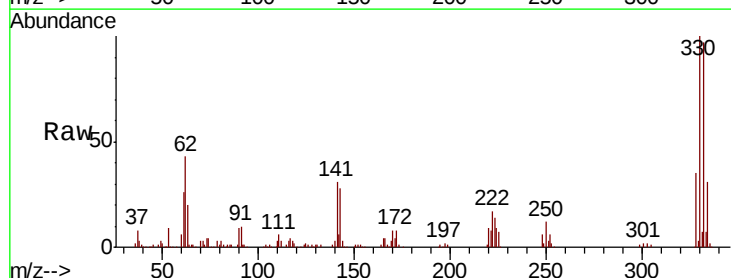


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

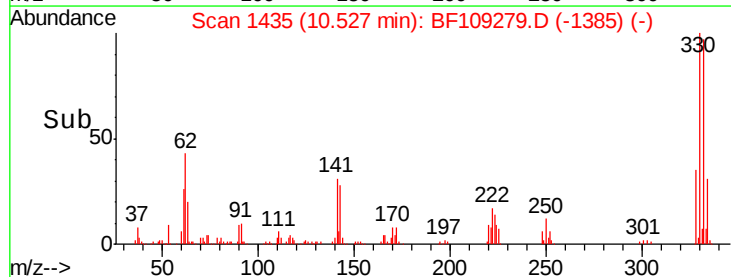
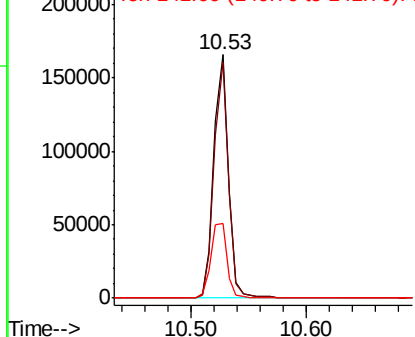


#41
 2,4,6-Tribromophenol
 Concen: 77.695 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109279.D
 Acq: 24 Sep 2018 20:22

Tgt Ion:330 Resp: 145963
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 33.7 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

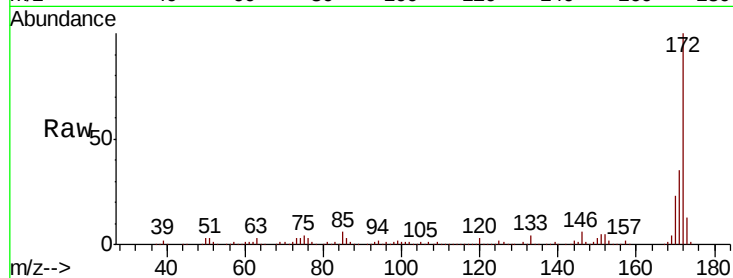




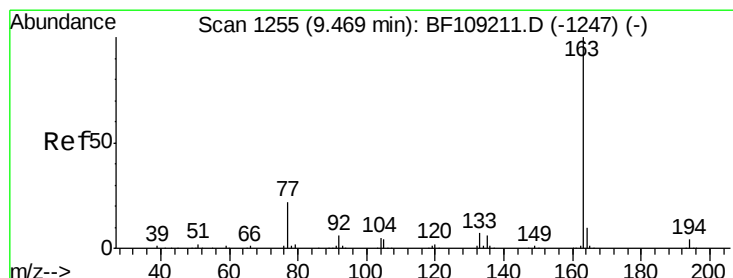
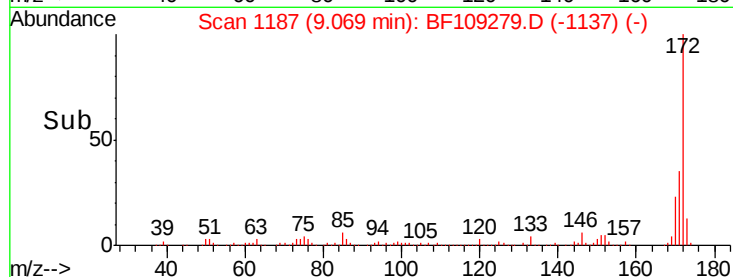
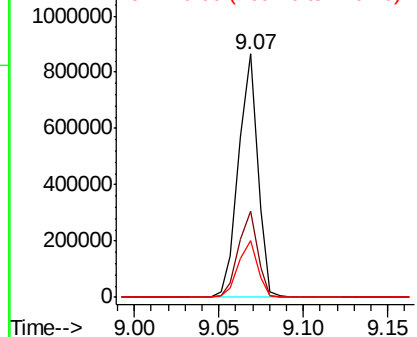
#44
2-Fluorobiphenyl
Concen: 54.351 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Tgt Ion:172 Resp: 686774
Ion Ratio Lower Upper
172 100
171 35.3 29.7 44.5
170 23.5 19.6 29.4

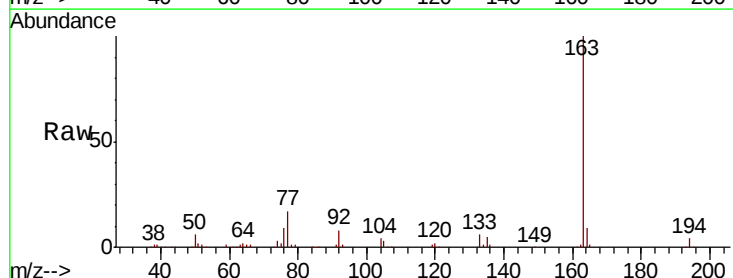


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

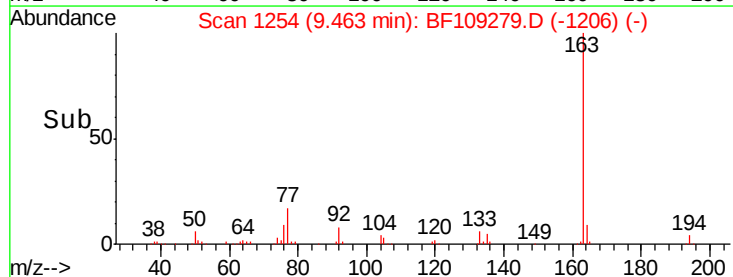
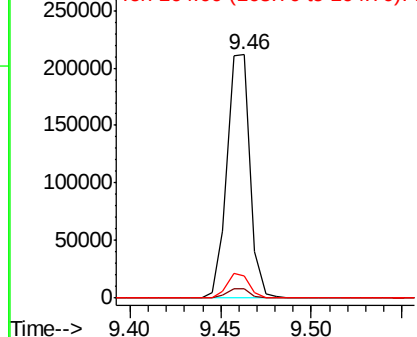


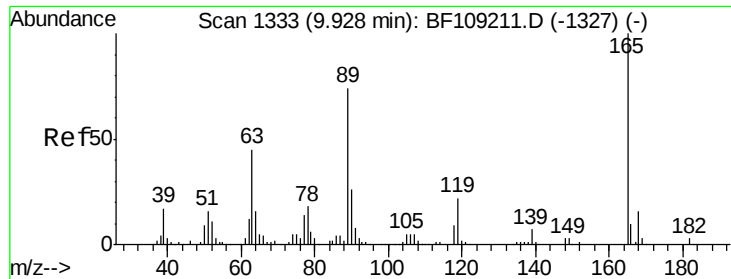
#49
Dimethylphthalate
Concen: 13.614 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Tgt Ion:163 Resp: 188705
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

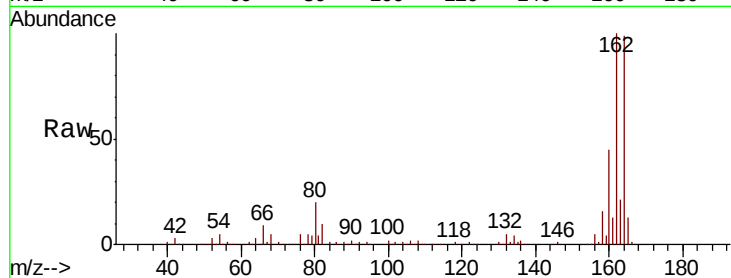




#56
 2,4-Dinitrotoluene
 Concen: 7.141 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109279.D
 Acq: 24 Sep 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 GRID03-COMP-092018

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

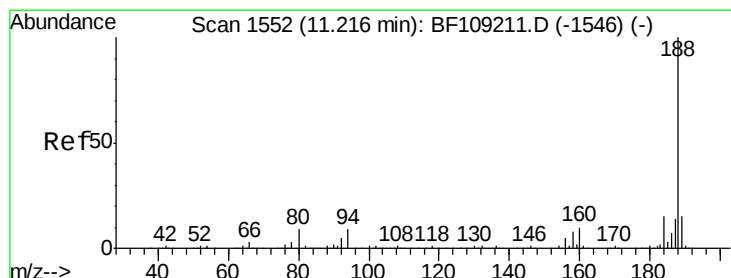
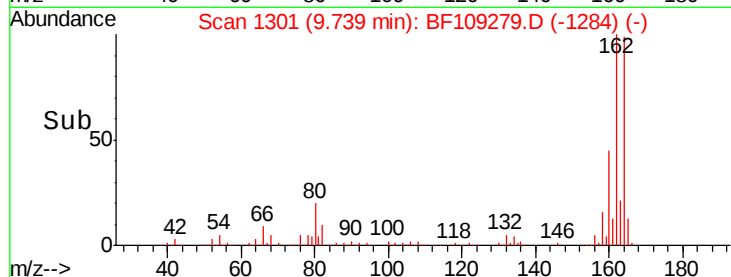
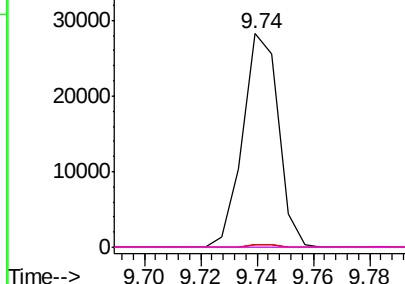


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



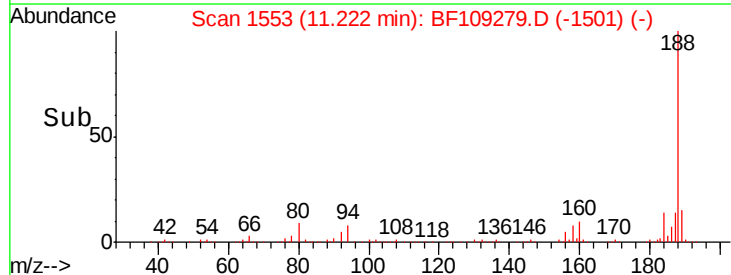
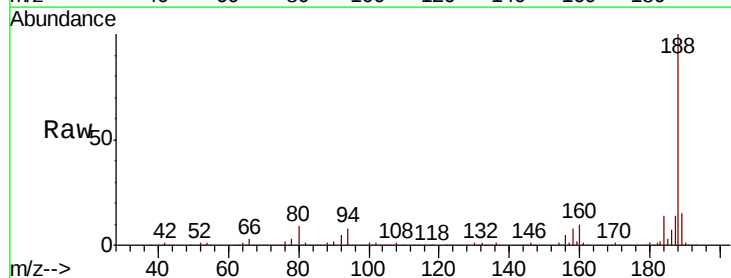
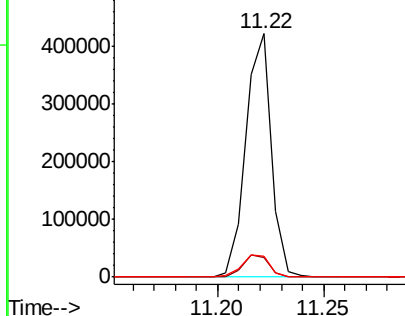
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF109279.D
 Acq: 24 Sep 2018 20:22

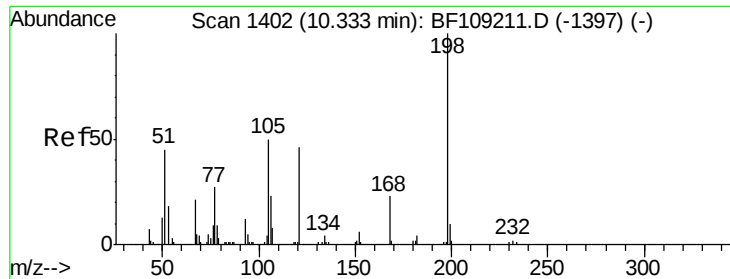
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.6	9.2	13.8#

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

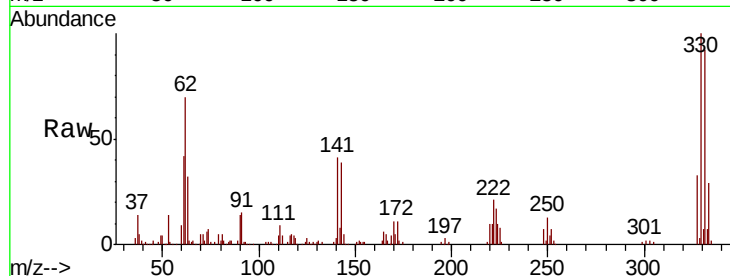




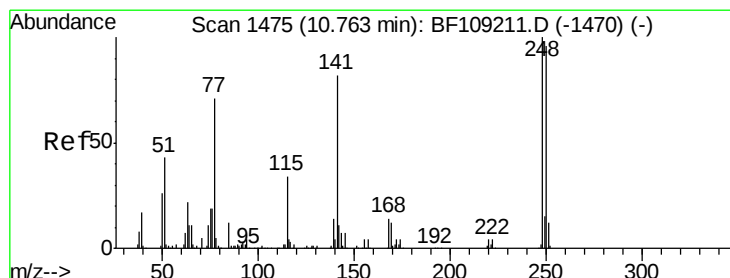
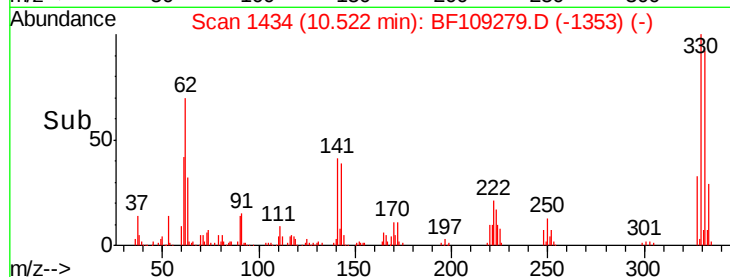
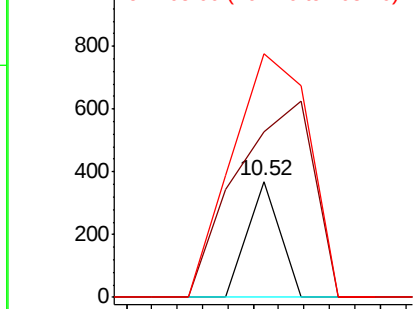
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.599 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109279.D
 Acq: 24 Sep 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 GRID03-COMP-092018

Tgt Ion:198 Resp: 131
 Ion Ratio Lower Upper
 198 100
 51 142.7 37.7 77.7#
 105 209.7 36.3 76.3#

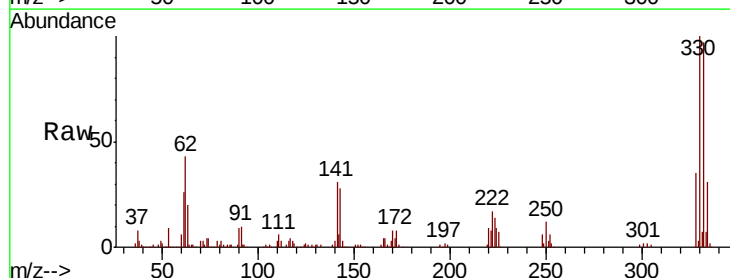


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

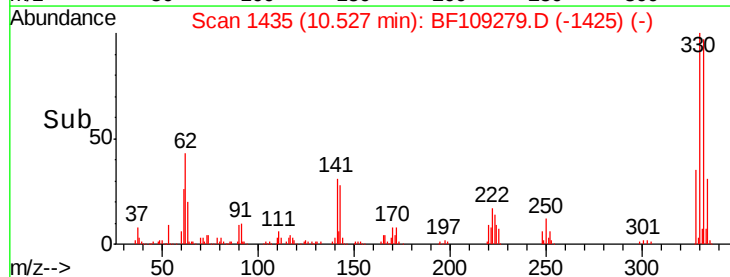
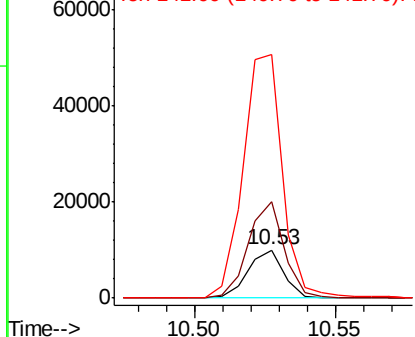


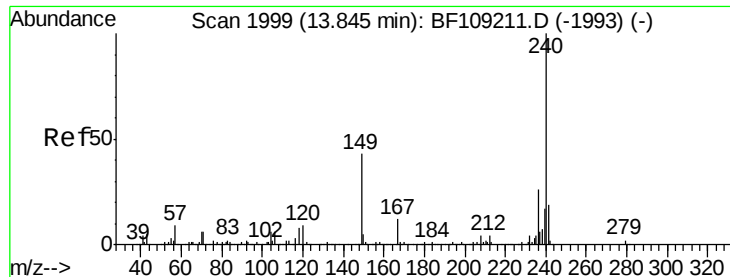
#66
 4-Bromophenyl-phenylether
 Concen: 2.228 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.24 min
 Lab File: BF109279.D
 Acq: 24 Sep 2018 20:22

Tgt Ion:248 Resp: 8782
 Ion Ratio Lower Upper
 248 100
 250 199.4 76.9 115.3#
 141 505.2 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109279.D

Acq: 24 Sep 2018 20:22

Instrument :

BNA_F

ClientSampleId :

GRID03-COMP-092018

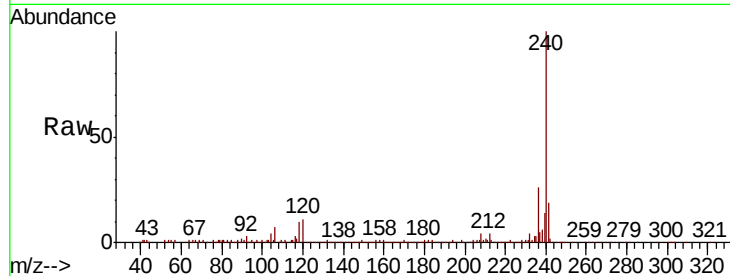
Tgt Ion:240 Resp: 258862

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

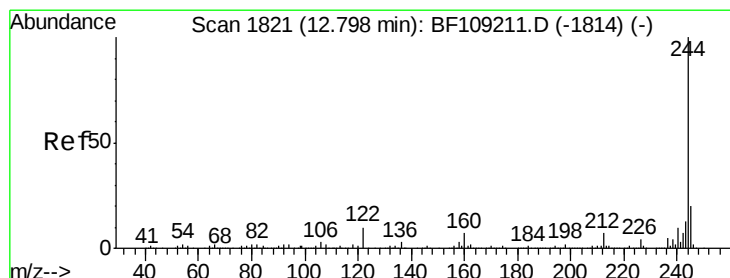
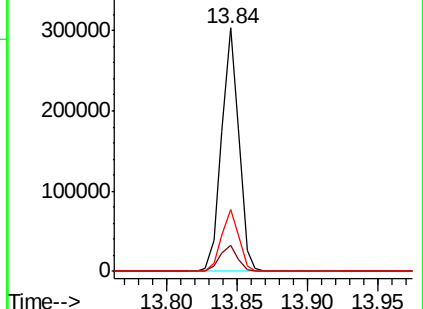
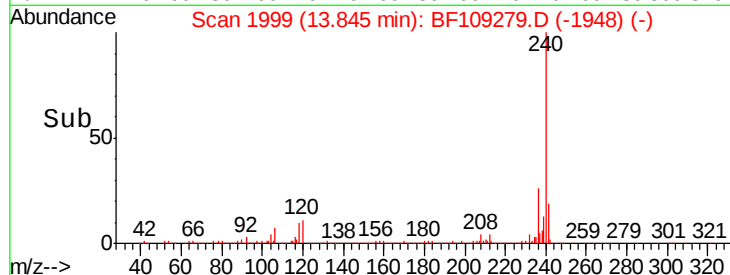
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 61.005 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF109279.D

Acq: 24 Sep 2018 20:22

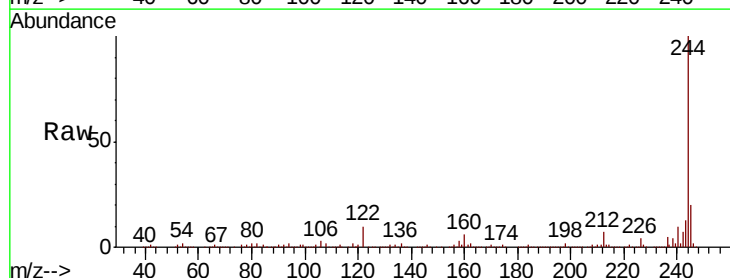
Tgt Ion:244 Resp: 643476

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

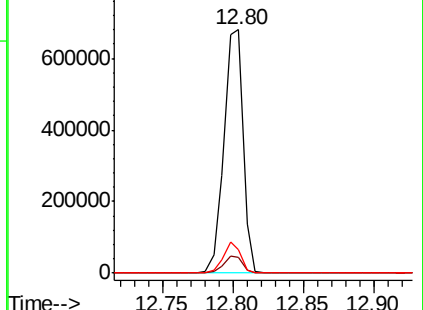
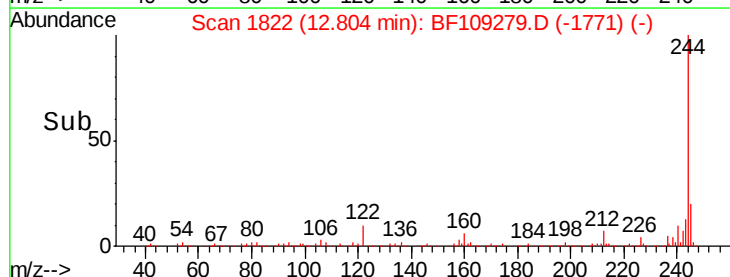
122 9.5 11.0 16.4#

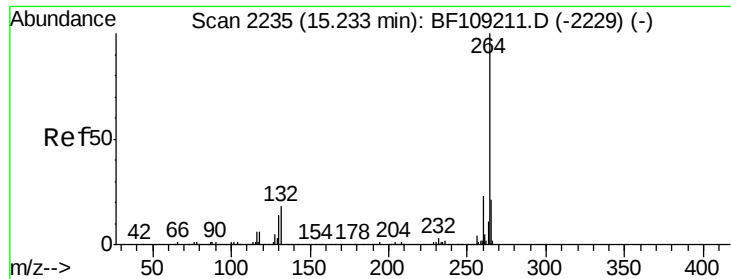


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

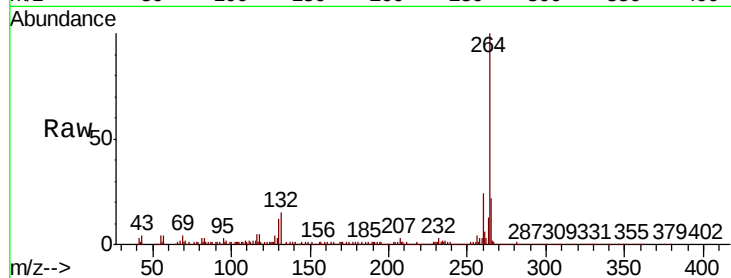




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Tgt Ion: 264 Resp: 203338
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

